

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN

LICATE\*  
(See other in-  
struction on  
reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
**LC-029342-C**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

**Mack Energy Corporation**

3. ADDRESS AND TELEPHONE NO.

**P.O. Box 960, Artesia, NM 88211-0960**

**(505) 748-1288**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

**990 FNL 990 FEL**

At top prod. interval reported below

**990 FNL 990 FEL**

At total depth

**990 FNL 990 FEL**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

**Eddy**

13. STATE

**NM**

15. DATE SPUDDED

**4/17/97**

16. DATE T.D. REACHED

**4/29/97**

17. DATE COMPL. (Ready to prod.)

**11/24/97**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

**3651 GR**

19. ELEV. CASING HEAD

**3651**

20. TOTAL DEPTH, MD & TVD

**4832**

21. PLUG, BACK T.D., MD & TVD

**4709**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

**Yes**

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

**4250-4651 Paddock**

25. WAS DIRECTIONAL SURVEY MADE

**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray**

27. WAS WELL CORED

**No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8</b>	<b>24</b>	<b>464</b>	<b>12 1/4</b>	<b>Circ., 400 sx</b>	<b>None</b>
<b>5 1/2</b>	<b>17</b>	<b>4722</b>	<b>7 7/8</b>	<b>Circ., 1265 sx</b>	<b>None</b>

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2 7/8</b>	<b>4667</b>	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

**4250-4651, 1/2, 82**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>4250-4651</b>	<b>2000 gals 15% NE acid</b>
<b>4250-4651</b>	<b>32,000 gals 20% NE acid</b>

33. PRODUCTION

DATE FIRST PRODUCTION <b>12/1/97</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Pumping 2 1/2 x 2 20 PAP HVR</b>				WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>12/20/97</b>	HOURS TESTED <b>24</b>	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. <b>107</b>	GAS-MCF. <b>122</b>	WATER-BBL. <b>428</b>	GAS-OIL RATIO <b>1144</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. <b>107</b>	GAS-MCF. <b>122</b>	WATER - BBL. <b>428</b>	OIL GRAVITY - API (CORR.) <b>38</b>	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*David R. Glaser*

TITLE

**Production Clerk**

DATE

**1/10/98**

\*(See Instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors  
PO Box 1370      Artesia, NM 88211-1370  
505/746-6651      746-3518      fax 748-2205

May 13, 1997

Mack Energy Corporation  
PO Drawer 960  
Artesia, NM 88211-0960

RE: McIntyre C Federal #4  
990' FNL & 990' FEL  
Sec. 20, T17S, R30E  
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

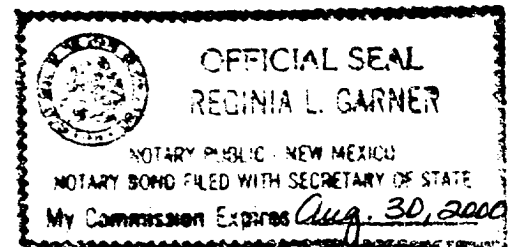
DEPTH	DEVIATION
468'	1 1/4
978'	1
1263'	1/2
1566'	3/4
2063'	1 1/2
2554'	1 1/4
3055'	1 1/4
3554'	1
4051'	1
4608'	1 1/2
4730'	1

Very truly yours,

Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO      }  
COUNTY OF EDDY      }

The foregoing was acknowledged before me  
this 13th day of May, 1997.

  
\_\_\_\_\_  
Notary Public

*Serving Southeast New Mexico and West Texas Since 1974*